COUNCIL OF THE GREAT CITY SCHOOLS

70TH ANNUAL FALL CONFERENCE

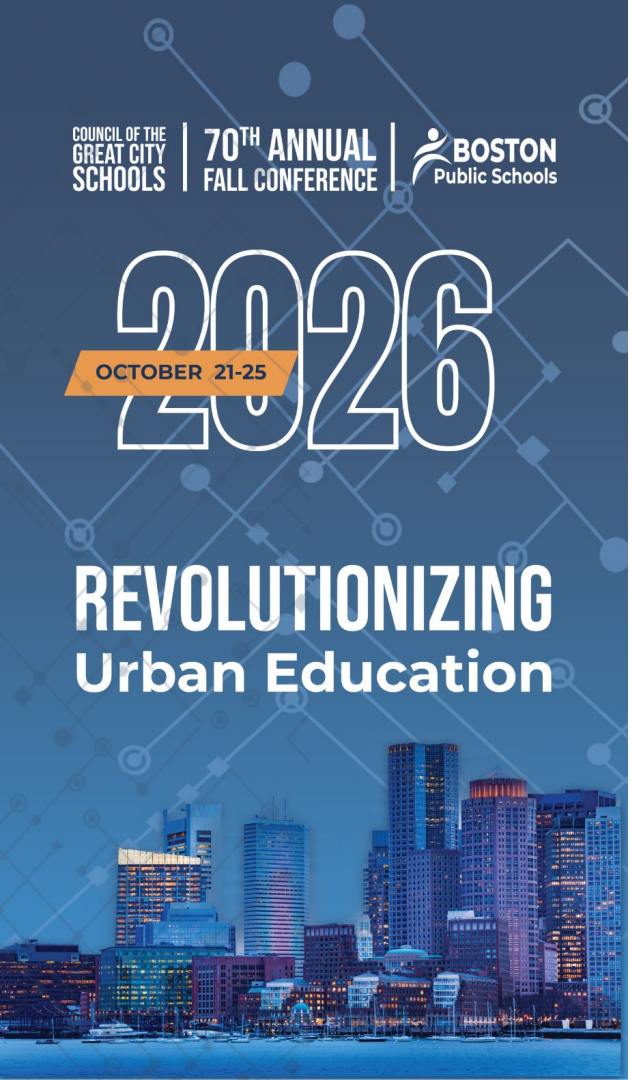
BOSTON Public Schools

2026

OCTOBER 21-25

REVOLUTIONIZING Urban Education





From Classroom to Catalyst: Building Teacher Leaders to Drive HQIM Implementation

Nicole D. Gutenberg, PhD,
Science Program Director, pK-12

Elizabeth Hadly,
Science Program Director, 3-5

Vision for Science Instruction

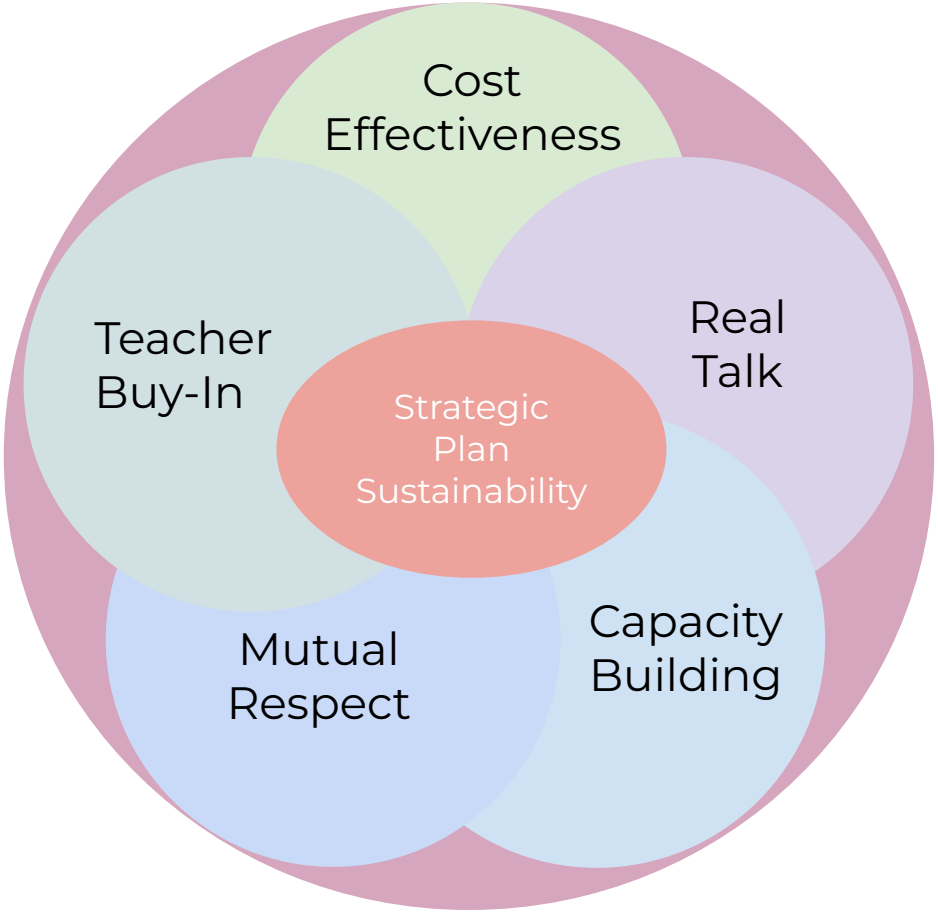
As part of our Vision and Mission we are committed to

providing professional learning opportunities for our educators, ensuring that they are equipped with the latest research-supported strategies and instructional methods. By fostering a culture of continuous improvement, we aim to enhance teacher effectiveness and, in turn, the quality of the learning experiences for our students.

BPS Science Dept. 9/9/24

Why do we need teacher leaders?

We call them Science Stewards



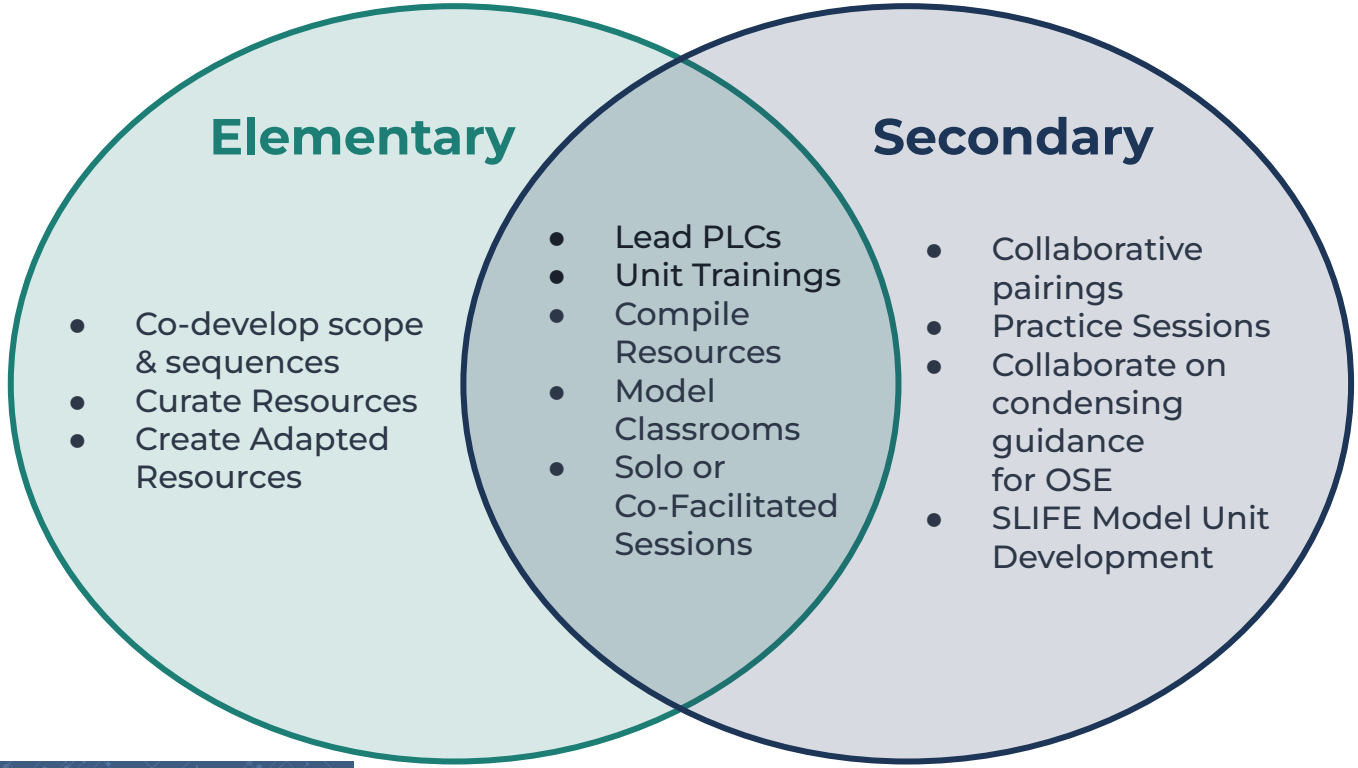
"Leaders need to humble themselves, by doing this, we garner more respect and support from our teachers, because we recognize that we do not have the same experiences as they do."

- *N. Guttenberg, PhD*

Our Approach:

Teacher Leader Selection	Teacher Leader Training	Facilitation/Co-Facilitation
• Simple application • Classroom observation or video submission • Interview • Self-Reflection completion	• Modeling a unit training • Teacher vs. Trainer Hat • Andragogy vs. Pedagogy • Stages of Concern • Partner-pairing with planning time and work time 2-3 day training	• Space and resources to prep materials • Templates provided (slides, agendas, note catchers) • Day-of Program Director support • Logistical Support

Grade Band Differentiation



Necessary Conditions:

Money/ Incentives



Space



Relationships



Time



Ability to Capitalize on Internal Capacity



By empowering teacher leaders to facilitate professional learning for their peers with central office support, the science department directly embodies the principles outlined by Meredith Honig and Lydia Rainey, in their book From Tinkering to Transformation (2023).

We help educators collaborate to lead their own learning around a shared vision of equitable instruction while strategically leveraging resources to deepen classroom practice.



bostonpublicschools.org/ste
*Website to be updated this school year

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